

testo

Electronic measurement of
physical and chemical values

CO₂
measuring technology
testo 535

Indoor Air Quality: convenient, reliable CO₂ measurement and easy documentation

The CO₂ instrument
(adjustment set not
required.)

2 channel infrared sensor:

- Long-term stability
- Highly accurate
- Totally reliable.



Ideal: probe on site,
reading at a glance!



Long-term monitoring via
maximum/mean calculation



Measuring the CO₂ conc. in
ingoing and outgoing air ducts

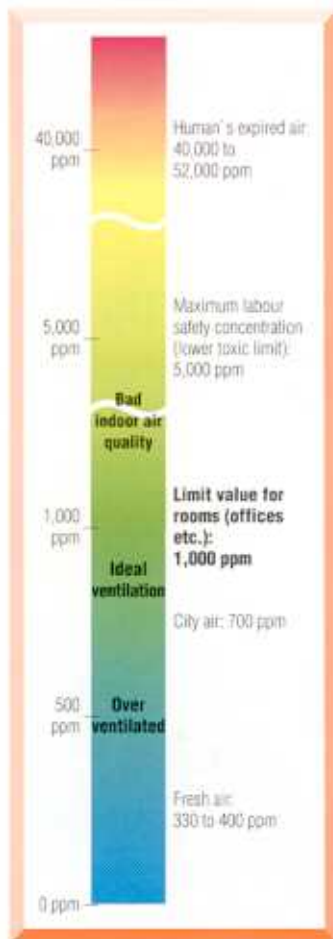
Avoid Sick Building Syndrome caused by bad air

CO₂ is used as an indicator when assessing indoor air quality. If the CO₂ in indoor air is too high (limit value: 1000 ppm) the air feels "stuffy and stale" a symptom of *Sick Building Syndrome*. (SBS).

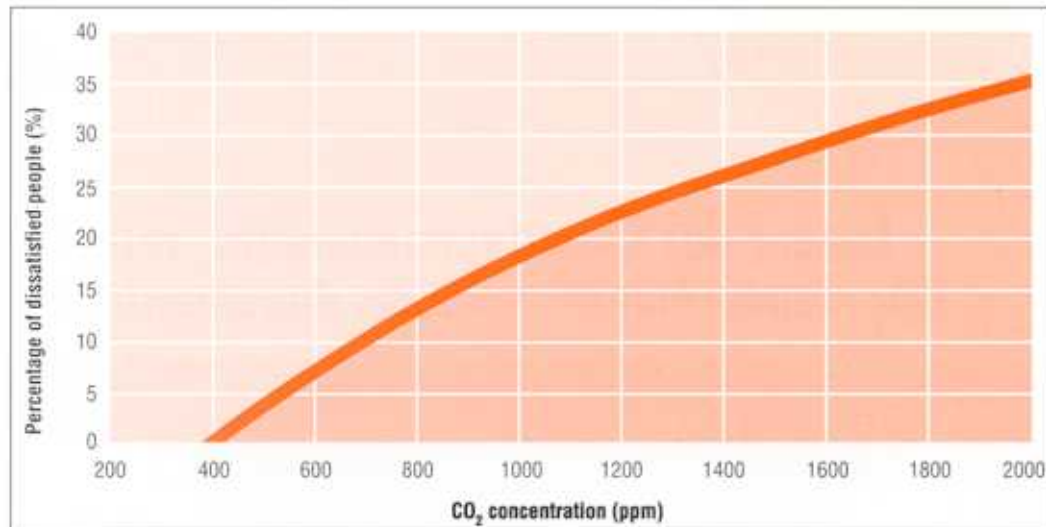
Bad air quality in rooms (i.e. offices) can lead to fatigue, poor concentration and illness among employees and is caused, in many cases, by insufficient ventilation.

The CO₂ concentration in demand controlled ventilating (DCV) systems is used to regulate the supply of fresh air. Regular checks on these systems using the **testo 535** CO₂ measuring instrument makes sense.

CO₂ concentrations



Indoor Air Quality



Percentage of people who are unhappy with indoor air quality at a specific CO₂ concentration.

You can order by fax, mail or by telephone

Simply copy this page, enter the quantities you require and return to us by fax or mail. Please include your name and address.

Qty.	testo 535 instrument and accessories	Part no.
	testo 535 , CO ₂ measuring instrument for measuring indoor air quality, with permanently attached probe, instruction manual, batteries and ISO calibration certificate	0560.5350
	TopSafe (indestructible protective case) with bench stand and belt clip, protection from impact, dirt...	0516.0183
	9 V rechargeable battery , instead of battery	0515.0025
	Recharger for 9 V rechargeable battery, for external recharging of 0515.0025 battery	0554.0025
	Plug-in power supply (recommended for long-term measurements)	0554.0088
	Accessory set (for instrument without TopSafe): belt clip, wall holder and carrying loop	0554.0550
	Plastic case for safe storage of instrument, probes, Testo infrared printer and accessories	0516.3250
	NIST calibration certificate (2 calibration points)	0520.0033

Qty.	Printer and accessories	Part no.
	Testo infrared printer , prints data with date and time	0554.0545
	Battery recharger with 4 NiCd rechargeable batteries for the Testo infrared printer, batteries are recharged externally	0554.0110
	Printer paper for Testo infrared printer (8 rolls)	0554.0569

Subject to change without notice.

Technical data

Sensor:	2 channel infrared absorption principle
Measuring range:	0 to 9.999 ppm CO ₂ (0 to 1 vol. % CO ₂)
Accuracy:	0 to 5.000 ppm ± (50 ppm +2 % of m.v.) 5.000 to 9.999 ppm ± (100 ppm +3 % of m.v.)
Resolution:	1 ppm or 0.001 vol. %
Ambient temperature:	32 to +122°F
Storage temperature:	-4 to +160°F
Battery lifetime:	>8 h (9 V block, Al-Mn)
Switchover:	ppm / vol. %
Display:	LCD 5" digit height
Housing:	ABS
Dimensions/Instrument:	7.5" x 2.25" x 2"
Weight:	11 ozs.
Warranty:	Meas. instr. 2 years Probe 1 year
Other:	- Power supply - Low Battery display - Auto Off - Hold/Max/Min - Mean calculation

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Company	_____		_____
Department	_____	Date, Signature	_____